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Cc: Gill, Michael[Gill.Michael@epa.gov]
From: Lee, Alana
Sent: Fri 2/7/2014 6:16:37 PM
Subject: On Further Thought: EPA Region 9 recommendations re: TCE acute exposure standard

On a second thought, this is the very question we have been discussing, and not sure if we are all thinking along the same lines. I've met with Randy and he also works with Dr. Mark Kram, Groundswell Tech on the application of the continuous monitoring.

Please share your thoughts and we may need to discuss before responding on "R9's perspective."

Thanks,

Alana

From: Randy Jordan [mailto:randy.jordan@cardno.com]
Sent: Friday, February 07, 2014 6:55 AM
To: Lee, Alana
Subject: EPA Region 9 recommendations re: TCE acute exposure standard

Hi Alana

I have a question regarding the exposure time period associated with the IRIS study evaluation for TCE where the RfC information is the referenced basis for short-term inhalation exposure. The recent letter from EPA Region 9 to SF CRWQCB (dated 12/3/13) indicates that for some developmental toxicants, exposures as short as 24 hours may be of concern.

We recognize there is debate on the use of RfC data in relation to short-term exposures but I need to determine the most appropriate analytical measurement period for TCE in ambient air. This prompts me to inquire about the EPA Region 9 perspective on the most appropriate air monitoring period (or averaging time) for the estimation of TCE inhalation exposure concentrations. Would a 24 hour averaging time be the most reasonable? Does EPA have preference for how the average is determined (i.e., mean, weighted, etc.)?

Your input is most appreciated and please contact me with any questions.

Best Regards,

Randy

Randy Jordan, PhD

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